

Title (en)
FUNCTIONAL AND DURABLE THERMOELECTRIC DEVICES AND SYSTEMS

Title (de)
FUNKTIONELLE UND DAUERHAFT THERMOELEKTRISCHE VORRICHTUNGEN UND SYSTEME

Title (fr)
DISPOSITIFS ET SYSTÈMES THERMOÉLECTRIQUES FONCTIONNELS ET DURABLES

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Abstract (en)
[origin: WO2016073939A1] The present disclosure provides a thermoelectric device comprising a panel comprising an electrically and thermally insulating material, and a thermoelectric string comprising a plurality of thermoelectric elements mounted on a strain relief element within the panel. The thermoelectric elements may comprise an n-type thermoelectric element and a p-type thermoelectric element electrically coupled to one another in series. The thermoelectric string may be (i) compacted in cross section inside the panel and (ii) expanded in cross section outside the panel. The strain relief element may permit the thermoelectric string to be movable in proximity to the strain relief element.

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